

IN THE CLAIMS:

Please cancel claim 20.

C1 25. (Once amended) The illumination arrangement according to claim 40, wherein the illumination is carried out via at least one light guide.

40. (Once Amended) An illumination arrangement for a stereo microscope, in particular, a Greenough type comprising:

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a least one illumination channel arranged in a plane essentially orthogonal to a plane of the two observation channels, wherein the illumination is effected at an angle to the optical axis of the microscope by means of at least one light conductor so that no direct light falls into the observation channels and a fluorescence excitation is effected through the light conductor.